

DOCKET: FIS9 2003 0260 US1

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: Daniel C. Edelstein, et al. ) EXAMINER: Mich
--

SERIAL NO.: 10/702,416 ) ART UNIT: 1725

FILING DATE: November 6, 2003 ) DATE: January 12, 2006

FOR: APPARATUS AND METHOD FOR LOW PRESSURE WIREBOND

## **RESPONSE TO RESTRICTION REQUIREMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Office Action mailed January 3, 2006, and the restriction requirement made therein, applicants provisionally elect Group I, claims 1-5, drawn to an apparatus having a metallic interconnect and an alloy material that includes a composition of a metallic wire material and an alloying metal, for continued examination herein.

Applicants traverse the restriction requirement on the grounds that 35 U.S.C. § 121 authorizes restriction only when the claimed invention is "independent <u>and</u> distinct" (emphasis added). A search of the subject matter of Group I, claims 1-5, would necessarily require a search of the subject matter of Group II, claims 16-15, drawn to an apparatus with a metallic barrier cap over a metallic interconnect with a diffusion barrier, and Group III, claims 16-20, drawn to substrate layers having a metallic wire with a coating and a

metallic interconnect with plural diffusion barriers. Thus the apparatus delineated in Group II and Group III are not directed to an independent and distinct matter.

Applicants respectfully submit that a search of the subject matter of Group I will necessarily cover a search of the subject matter of Group II and Group III.

Respectfully submitted,

Robert Curcio Reg. No. 44,638

DeLIO & PETERSON, LLC 121 Whitney Avenue

ibmf100402000resptorr

New Haven, CT 06510-1241 (203) 787-0595

## **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the	ne United States Postal Service on the date indicated
below as first class mail in an envelope addressed to: Mail Stop	
Alexandria, VA 22313-1450	<i>d</i>
Name: Marian R. Capelli Date: January 12, 2006 Signature:	Manan K. Capelli